

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

DEPARTMENT OFFICE OF THE SUPERINTENDING ENGINEER
WORKS ESTABLISHMENT SECTION

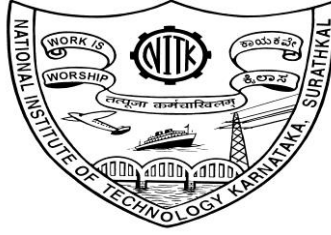
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NOTICE INVITING QUOTATION

Notification. No: NITK/Central Library / 2022-23 /Fire Alarm / 04

dated: 01-06-2022

Name of Goods	Fire Alarm Panel
Estimated Amount: of (2021-22)	Rs.1,12,100.00 (OMR No:06/LIB/2021-22/B8 Dated:13-09-2021)
Time for Supply of item after release of Purchase order	15 (Days)
Document Download / Sale Start Date	02-06-2022 at 5.00 PM
Clarification Start Date	02-06-2022 at 5.00 PM
Clarification End Date	09-06-2022 at 5.00 PM
Bid Submission Start Date	02-06-2022 at 5.00 PM
Last Date for submission of bids	16-06-2022 before 3.00 PM
Bid Opening Date	16-06-2022 at 5.00 PM
Address for Submission of bids	Office of the Superintending Engineer Works Establishment Section NITK, Surathkal - 575025



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NOTICE INVITING QUOTATION (NIQ)

The National Institute of Technology Karnataka, Surathkal (in short – NITK, Surathkal) is an Institute Of National Importance Under Ministry of Education Govt of India, imparting Technical Education and engaged in Research Activities. It is proposed to procure the items for the departmental academic/research activities.

Sealed Quotations as per the Price Schedule given in this NIQ are invited for the following items subject to the terms and conditions, from the reputed manufacturers or its authorised dealers so as to reach on or before scheduled date and time. The quotations in the firm's Business letter head should be address to the "Office of The Superintending Engineer, Works Establishment Section NITK, Surathkal". The envelope shall be superscribed with the Quotation Notification Number and the Name of the Goods for which quotation is submitted.

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Sd/
[Signature of HOD with Seal]

Note: Institute shall not be responsible for any postal delay about non-receipt /non-delivery of the bids or due to wrong addressee.

SECTION-1
Terms and Conditions

1. The rates should be quoted for preferably FOR destination from supply within India.
2. The bidder shall indicate the excise duty exemption for the goods if applicable.
3. The rate quoted should be on unit basis. Taxes and other charges should be quoted separately, considering exemptions if any. The rate should be quoted in INR only
4. Rate quoted should be inclusive of Testing, commissioning and Installation of equipment and Training.
5. Payment: No advance payment will be made. Payment will be made only after the supply of the item in good and satisfactory condition and receipt of performance security by supplier.
6. Guarantee/Warranty period should be specified for the complete period should be specified in section 3 of this tender document.
7. Period requirement for the supply and installation of item should be specified in section 3 of this tender document.
8. In case of dispute, the matter will be subject to Mangalore Jurisdiction only.
9. **The buying organization is under the 5% GST Concessional category & Payment will be made with 5% GST on the Taxable amount (base rate).**

SECTION-2
SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS
[To be filled up by the Department / Centre of NITK, Surathkal]

Item(s) Name to be Procured : Fire Alarm Panel

Brief Specifications of the Item(s)
(Attach Additional Sheet if necessary) : Details Enclosed

Quantity : 01 no

Any other details / requirement : Nil

Warranty Period required : Minimum 1 year

Delivery Schedule expected
after placement of Purchase order
(in Weeks) : 15 days

**SECTION 3
PRICE SCHEDULE**

[To be used by the bidder for submission of the quotation]

-
1. Item Name :
 2. Specifications
(Conforming to Schedule of requirements
Enclose additional sheets if necessary) :
 3. Currency and Unit Price :
 4. Quantity :
 5. Item Cost (Sl No. 3 * Sl. No. 4) :
 6. Taxes and Other Charges :
(i) Specify the type of taxes and duties
in percentages and also in figures.
(ii) Specify Other Charges in figures.
 7. **Warranty Period** :
**(Conforming to the Schedule of
requirements)**
 8. Delivery Schedule :
(Conforming to the Schedule of requirements)
 9. Name and address of the Firm for
placing purchase order :
 10. Name and address of Indian authorized
agent (in case of imports only) :

Signature of the Bidder: _____

Name and Designation: _____

Business Address : _____

Place:

Date:

Seal of the Bidder's Firm

SECTION 4
CONTRACT FORM

[To be provided by the bidder in the business letter head]

1. (Name of the Supplier's Firm) hereby abide by the delivery schedule mentioned in this document for supply of the items if the purchase order is awarded.
2. The item will be supplied conforming to the specifications stated in this document without any defect and deviations.
3. Warranty will be given for the period mentioned in this document and service will be rendered to the satisfaction of NITK, Surathkal during this period.

Signature of the Bidder: _____

Name : _____

Business Address : _____

Place :
Date :

Seal of the Bidder's Firm

Technical Specifications: -

Sl.No	Particulars	Technical Specification Requirement
1	Name of Item	Fire alarm panel
2	Scope of work	Supply, Installation, commissioning, programming and testing of fire alarm panel.
3	Device loops	1 loop, expandable to 4, Class A or B (Styles 4, 6, 7), each loop supporting up to 250 device addresses (125 detectors and 125 modules max.). Addresses 1 to 125 are for detectors and addresses 126 to 250 are for modules Maximum T-taps/loop: 124
4	Notification appliance circuits	4 Class B (Style Y) or 2 Class A (Style Z) 6.0 A FWR total at 120/230 VAC 60 Hz 5.0 A FWR total at 230 VAC 50 Hz 2.5 A FWR each max. per circuit
5	Primary power	120 VAC, 60 Hz, 2.0 A max. 230 VAC, 50-60 Hz, 0.97 A max.
6	Base panel current standby	172 mA
7	Base panel current alarm	267 mA
8	Input zones	32 max.
9	Remote annunciator	8 drops max., RS-485 Class A or B Data line length: 4,000 ft. (1,219 m)
10	Operating voltage	24 VDC panel
11	Auxiliary power output circuit	Aux power 1: 500 mA, 24 VDC (1 A possible if you reduce total available NAC power by 500 mA) Aux power 2: 500 mA, 24 VDC Output: 28.3 to 21.9 VDC, special application
12	Loop circuit	Maximum loop resistance: 66 Ω Maximum loop capacitance: 0.5 μ F Communication line voltage: Maximum 20.6 V peak-to-peak Operating current (fully loaded loop) Stand by: 55 mA/45 mA Alarm: 125 mA/115 mA (not including two-wire smoke modules) Circuit current: 0.5 A max. Style 4, 6, and 7 wiring Max. resistance between isolators: Limited only by overall wire run lengths 64 isolators maximum per loop (total both isolator bases and modules)
13	Batteries	Type: Sealed lead acid Voltage: 24 VDC Charging current: 2.47 A max. Amp hour capacity: 26 Ah Standby operation: 24 hour or 60 hours Placement: Up to two 10 Ah batteries will fit in the iO64 control panel cabinet and two 18 Ah batteries will fit in the iO1000 control panel cabinet
14	SA-DACT dialer	Phone line type: One or two loop-start lines on a public, switched network Phone line connector: RJ-31/38X (C31/38X) Communication formats: Contact ID (SIA DC-05) Operating current Standby/Alarm: 41 mA Max.: 100 mA FCC registration number: GESAL01BSADACT Industry Canada Registration number: 3944A-SADACT

		Ringer equivalence number: 0.1B
15	Ground fault impedance	0 to 5 k Ω
16	Alarm contact	Form C N.O. 24 VDC at 1 A (resistive load)
17	Trouble contact	Form C 24 VDC at 1 A (resistive load)
18	Supervisory contact	Form A N.O. 24 VDC at 1 A (resistive load)
19	Environmental	Temperature: 0 to 49°C (32 to 120°F) Relative humidity: 0 to 93% noncondensing
20	Terminal rating	All terminals rated for 12 to 18 AWG (0.75 to 2.5 mm ²)
21	Quantity required	1 set
22	Unit of measurement for price	1 set / each
23	Warranty	1 years